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ABSTRACT OF THE DISCLOSURE

A method for communication connection via heterogeneous networks. A first electronic device transmits a first data packet to a first wireless bridge. 5 The first wireless bridge attaches a first tunnel header to the first data packet to form a first wireless data packet, and transmits the first wireless data packet via the wireless network. A second wireless bridge receives the first wireless data packet via the wireless network, 10 removing the first tunnel header therefrom to acquire a second data packet, stores an association relationship between the first electronic device and the first wireless bridge, and transmits the second data packet to the second electronic device. The second electronic 15 device receives the second data packet and transmits data to the first electronic device.